INTERNATIONAL SEARCH REPORT

International Application No
T/IB2005/000074

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01Q11/08 H01Q H01Q7/00 H0101/36 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01Q Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. χ US 2003/011527 A1 (KOKORIN BORIS IVANOVICH 1 - 14ET AL) 16 January 2003 (2003-01-16) abstract; claims 1,3; figures la-1c,4 paragraphs '0006!, '0007!, '0047!, '0052!, '0053!, '0055!, '0057! χ US 5 654 723 A (CRAVEN ET AL) 1,2,8, 5 August 1997 (1997-08-05) 12,13 abstract; figures 66,67,69-71 Α US 5 734 353 A (VAN VOORHIES ET AL) 2,8,12 31 March 1998 (1998-03-31) abstract; claims 36-39; compounds 1-14,21,58,68,69,76 column 6, line 16 - line 67 column 10, line 45 - line 55 column 12, line 51 - line 59 column 20, line 57 - column 22, line 6 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invariant. "A" document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international *X* document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the International search Date of mailing of the international search report 15 April 2005 25/04/2005 Name and mailing address of the ISA Authorized officer European Palent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 Jäschke, H

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